CLAIMS

	CLANIO										
1	1. A system for detecting a neurological injury in a subject, said										
2	system comprising:										
3	a computing device comprising:										
4	at least one signal emitter attachable to a first position on the										
5	subject to emit an electrical signal generated by the computing device into the										
6	subject such that the electrical signal is communicated to a nerve in proximity										
7	to the first position;										
8	at least one signal detector attachable to the second position on										
9	the subject to detect the electrical signal transmitted by the nerve;										
10	a processor for comparing a threshold reference value with the										
11	detected electrical signal and indicating neurological injury when the detected										
12	electrical signal is beyond a preselected range of the reference value; and										
13	a display providing indication of neurological injury.										
1	2. The system of claim 1 further comprising a biochemical										
2	analyzer sampling a biological fluid obtained from the subject for the presence										
3	of chemical species or concentrations indicative of neurological injury.										
1	3. The system of claim 1 wherein the database is comprised of										
2	signal strengths for various positions and muscle groups of the subject.										
1	4. The system of claim 1 wherein the computing device provides a										
2	user with instruction for positioning the at least one emitter and the at least one										
3	detector on the subject.										
1	5. The system of claim 1 further comprising a wireless transmitter										
2	coupled to the computing device.										
1	6. The system of claim 1 further comprising a user interface for										
2	data input to the computing device.										

WO 2005/089430 PCT/US2005/008907

1	7. The system of claim 1 further comprising an ancillary											
2	monitoring device providing the computing device with an input relating to a											
3	physiological parameter of the subject.											
1	8. The system of claim 2 wherein the computing device provides											
2	suggested pharmaceutical treatment protocols for the subject.											
1	9. The system of claim 1 in combination with a kit of											
2	neurologically active pharmaceuticals and at least one device for introducing a											
3	pharmaceutical into the subject.											
1	10. A process for detecting a neurological injury in a subject											
2	comprising:											
3	attaching an emitter at a first position and a detector at a second											
4	position to the subject;											
5	emitting an electrical signal from a computing device into the subject at											
6	the first position via the emitter;											
7	detecting the electrical signal transmitted by a nerve at the second											
8	position with the detector;											
9	comparing the detected electrical signal with a threshold reference											
10	value in the computing device;											
11	indicating a neurological injury when the detected electrical signal is											
12	beyond a preselected range of the reference value.											
1	11. The process of claim 10 further comprising sampling a											
2	biological fluid obtained from the subject for the presence of chemical species											
3	or concentrations indicative of neurological injury.											

WO 2005/089430 PCT/US2005/008907

14

l	12.	The		process		of claim	1	0 further	comprising		ig provid	providing	
2	suggestions	to	a	user	for	selecting	a	pharmaceu	ıtical	for	treating	the	
3	neurological injury.												

13. The process of claim 10 further comprising communicating at least one of the detected electrical signal or indicated neurological injury to a remote location.

1

2